



PATENT

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Applicants: G. Gundling

Group Art No.: 1656

Application No.: 09/470,944

Examiner: A. Spiegler

TECH CENTER 1600/2900

Filed: December 22, 1999

Title: NUCLEIC ACID ISOLATION  
METHOD AND KIT

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*Julie Freeman* 01-24-01  
Julie Freeman Date

Assistant Commissioner for Patents  
Washington, D.C. 20231

#### AMENDMENT A

In response to the Office Action dated September 12, 2000,  
please enter the following claims and consider the following  
remarks. A copy of all the claims as pending are attached as a  
separate document as well as a copy of the amended claims marked-  
up to show the changes from previously pending claims.

#### CLAIM AMENDMENTS

- Sub B1
- Q1
1. (Amended) A method for separating nucleic acid from a test sample comprising:
    - a) contacting a test sample with a metal oxide support material and a binding buffer to form nucleic acid/metal oxide complexes, wherein the binding buffer comprises a chaotropic agent and a detergent;
    - b) separating the complexes from the test sample; and